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The Gazette of India

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सं० 11] नई दिल्ली, शनिवार, मार्च 13, 1976 (फाल्गुन 23, 1897)
No. 11] NEW DELHI, SATURDAY, MARCH 13, 1976 (PHALGUNA 23, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 13th March 1976

CORRIGENDUM

In the Gazette of India, Part-III, Section 2 dated the 7th December, 1974 in page 883 Column 2 under the heading "Cessation of Patents" delete no. 124731.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

6th February 1976

210/Cal/76. OY F. Sarlin AB. Centrifugal pump. (February 12, 1975).

211/Cal/76. P. Goyle. Anti-air-pollution device.

212/Cal/76. DSO "Cherna Metalurgia". Apparatus for the production of protective coating for graphite electrodes.

213/Cal/76. Stauffer Chemical Company. Process for the manufacture of N(mercaptomethyl) phthalimide S-(O, O-dimethyl phosphorodithioate).

214/Cal/76. An heuser-Busch. Incorporated. Process for the production of glucose. Isomerase [Divisional date October 15, 1973].

215/Cal/76. Modipon Ltd. A process.

216/Cal/76. Chinoi Gyogyszer-Esvegyeszeti Teremkek Gyara RT. Process for the preparation of basic esters and salts thereof. [Divisional date July 3, 1973].

497GI/75

217/Cal/76. Chinoi Gyogyszer-Esvegyeszeti Teremkek Gyara. RT. Process for the preparation of basic esters and salts thereof. [Divisional date July 3, 1973].

218/Cal/76. Chinoi Gyogyszer-Esvegyeszeti Teremkek Gyara RT. Process for the preparation of basic esters and salts thereof. [Divisional date July 3, 1973].

219/Cal/76. Saint-Gobain Industries. Process and apparatus for making fibres from attenuable material, for example glass.

220/Cal/76. S. H. Nathani. Flexi-rigid container.

221/Cal/76. TBA Industrial Products Limited. Improvements in and relating to manufacture of sheet material. (February 13, 1975).

7th February 1976

222/Cal/76. Council of Scientific and Industrial Research. Urea adduction process for specification of N-paraffins from petroleum fractions based on tetonic activation.

223/Cal/76. Dr. Med. Wolfgang Wagner. Suction injection with prepared disposable dose mechanisms.

224/Cal/76. Dr. Med. Wolfgang Wagner. Liquid medicine dispensers with dose mechanisms for oral and injection therapy.

225/Cal/76. Dr. Med. Wolfgang Wagner. Injection in doses from supply containers.

226/Cal/76. Gruppo Lepetit S.p.A. New process for preparation of rifamycin derivative.

227/Cal/76. The Director, All India Institute of Medical Sciences. An intraluminal anastomosing device.

228/Cal/76. The Director, All India Institute of Medical Sciences. A filter. [Addition to No. 1990/Cal/74].

9th February 1976

229/Cal/76. H. E. Wright. Foam dispensing device.

230/Cal/76. H. E. Wright. Foam dispenser.

231/Cal/76. Ole-Bendt Rasmussen. Circular extrusion method and apparatus involving rotation around the die axis. (February 12, 1975).

232/Cal/76. Alberto Kling. Wind-driven power plant.

233/Cal/76. United Technologies Corporation. Closed channel disk for a gas turbine engine.

234/Cal/76. Dr. J. P. Chawla and Dr. V. M. Ghatage. Wind energy converter.

235/Cal/76. American Chain & Cable Company Inc. Spliceless cable and method of forming same.

236/Cal/76. Imperial Chemical Industries Limited. Nitrogen-containing compounds. (March 10, 1975).

237/Cal/76. Council of Scientific and Industrial Research. A process for the production of fish protein concentrate from trash marine fish.

238/Cal/76. Council of Scientific and Industrial Research. Improved hurricane lantern.

10th February 1976

239/Cal/76. C.A. Lecanda. Parachute catch safety and opening mechanism for the braking of aerobombs.

240/Cal/76. Greer Hydraulics, Inc. Pressure vessel and method of forming same.

241/Cal/76. Idealapaten-Und Schaufelwalzwerke A. Bredt & Co. KG. Improvements in or relating to chopping spades.

242/Cal/76. Westinghouse Electric Corporation. A method of making a light activated semiconductor controlled rectifier.

243/Cal/76. J. K. Paul. A respirator. [Addition to No. 1586/Cal/72].

244/Cal/76. Sterling Drug Inc. Aminocyclitol antibiotics and processes therefor.

245/Cal/76. Preussag Aktiengesellschaft. Device for sawing slots in plastic pipes.

246/Cal/76. Carrier Corporation. Air conditioning apparatus having a self contained refrigeration unit.

11th February 1976

247/Cal/76. Stanadyne Inc. Fuel injection pump and injection control system therefor.

248/Cal/76. F. L. Smidth & Co. A/S. Improvements relating to kiln plant.

249/Cal/76. The Regents of the University of California. Process for the preparation of cement composition. [Divisional date April 2, 1973].

250/Cal/76. Gould Inc. Explosion-proof vent barrel for a battery.

251/Cal/76. The Glacier Metal Company Limited. Improvements in or relating to bearings. (February 12, 1975).

252/Cal/76. D. K. Healey. Method of restoring worn or damaged drive shafts. (February 13, 1975).

253/Cal/76. Miles Laboratories, Inc. Test composition, device, and method for the detection of peroxidatively active substances.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

2nd February 1976

39/Bom/76. K. K. Dani Consultants and Engineers Private Limited. A device for electrically actuating linear motion for use in mechanical and electrical industries.

40/Bom/76. B. S. Kumar. Mailomatic addressing and data transferring machine.

3rd February 1976

41/Bom/76. Mrs. Nalini Vinod Seth, Mr. C. J. Shah and Mrs. Premvanti Vinaychandra Sheth. Hair dye appliance.

4th February 1976

42/Bom/76. C. S. Patel. Improvements in or relating to "Pillproof closures and Children Resistant closures".

43/Bom/76. Kamani Metallic Oxides Limited. Improvements in or relating to a process for separating rubber from fibre and machinery therefor.

6th February 1976

44/Bom/76. S. L. Kulkarni and R. D. Askhedkar. Fuel cut off to some cylinders of multicylinder internal combustion engines.

45/Bom/76. The Bombay Dyeing & Manufacturing Co. Ltd. A method of printing or applying speckled disperse dyestuffs on fabrics.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

2nd February 1976

20/Mas/76. Wheels India Limited. Improvements in methods and apparatus for manufacturing wheel rims for road vehicles.

21/Mas/76. Wheels India Limited. Improvements in methods and apparatus for manufacturing wheel rims for road vehicles.

22/Mas/76. Wheels India Limited. Improvements in methods and apparatus for manufacturing wheel rims for road vehicles.

23/Mas/76. The Western India Plywoods Ltd. Improvements in or relating to particle boards.

4th February 1976

24/Mas/76. K. R. Choudary. Improvements in or relating to reactors or chokes under d.c. and a.c. excitation.

ALTERATION OF DATE

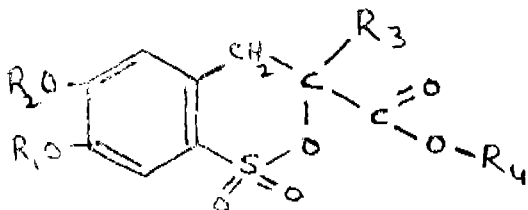
138666.	} Ante-dated to 6th April 1970.
1294/Cal/75.	
138667.	} Ante-dated to 6th April 1970.
1295/Cal/75.	
138677.	} Ante-dated to 6th May 1964.
2225/Cal/74.	

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed

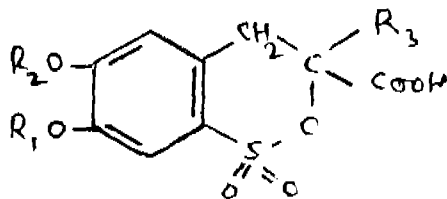
4 Claims

Process for the production of 3-carbalkoxy-1-thia-isochroman-1, 1-dioxide derivatives of the general formula of Fig. 1.

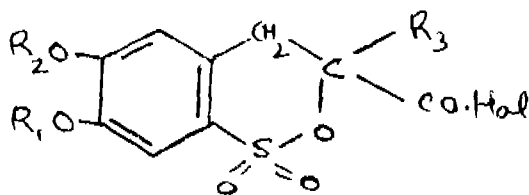


wherein R_1 and R_2 mean a low alkyl residue, R_3 a hydrogen atom or a low alkyl residue and R_4 a straight or branched, saturated or unsaturated alkyl group, which can also be substituted through halogen or through aryl or heterocyclic residues or a cycloalkyl residue, characterized, in that

compounds of the general formula of Fig. 2.



wherein the residues R_1 , R_2 and R_3 have the above mentioned meanings are converted with an acid halogenides such as thionyl chloride to carboxylic acid halogenides of the general formula of Fig. 3.



wherein the residues R_1 , R_2 and R_3 have the above mentioned meanings and Hal means a halogen atom, and the compounds of the general formula of Fig. 3. thus obtained is reacted with an alcohol of the general formula R_4OH , wherein R_4 has the above mentioned meaning.

CLASS 32F**b**, I.C.-C07d 89/00.

138667.

PROCESS FOR THE MANUFACTURE OF NEW 3-CARBALKOXY-1-THIA-ISOCHROMAN-1, 1-DIOXIDE DERIVATIVES.

Applicants : VEB ARZNEIMITTELWERK DRESDEN, OF RADEBEUL, 1. POSTFACH 89/90, GERMAN DEMOCRATIC REPUBLIC.

Inventors : DR. WARNER POPEL, DR. GOTTFRIED FAUST, DR. KURT STADE.

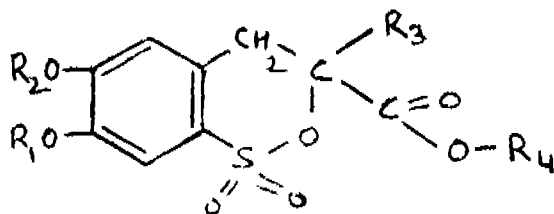
Application No. 1295/Cal/75 filed July 1, 1975.

Division of Application No. 126069 filed April 6, 1970.

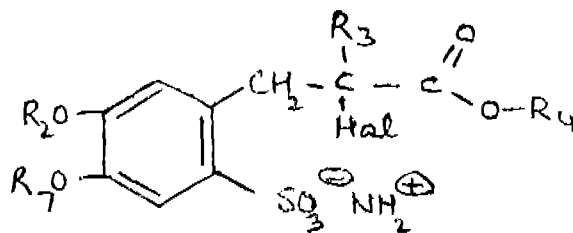
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Process for the production of 3-carbalkoxy-1-thia-isochroman-1, 1-dioide derivatives of the general formula of Fig. 1.



wherein R_1 and R_2 mean a low alkyl residue, R_3 a hydrogen atom or a low alkyl residue and R_4 a straight or branched, saturated or unsaturated alkyl group, which can also be substituted through halogen or through aryl or heterocyclic residues or a cycloalkyl residue, characterized, in that heating under normal pressure or in vacuum compounds of the general formula of Fig. 2.



wherein R_1 , R_2 , R_3 and R_4 have the above mentioned meanings.

CLASS 101F, I.C.-E02b 9/08.

138668.

A DEVICE FOR GENERATING POWER FROM SEA WAVES.

Applicants & Inventors : THOTTAPPILLY PORINCHU GEORGE OF THOTTAPPILLY HOUSE, XV/397, STATUTE JUNCTION, NAZARETH, COCHIN-2, KERALA, INDIA.

Application No. 26/Mas/75 filed February 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims

A device for generating power from sea waves comprising a shaft mounted on a framework for being rotatably driven to transmit power; at least one sleeve provided around the shaft; at least one free-wheel for coupling the shaft to the sleeve so as to enable the shaft to be rotatably driven only when the sleeve is under constraint to rotate in a given direction; at least one pulley, mounted on a separate frame-work, for being disposed under water in the sea; at least one cable wound on, with one end thereof attached to, the sleeve; at least one cable float, for being disposed on water in the sea, to which the other end of the cable, passing around the pulley, is capable of being attached so as to constrain the sleeve to rotate in the given direction whenever a pull is exerted on the cable as a result of movement of the float under the force applied by the waves; and means for causing the sleeve to rotate in the opposite direction so as to rewind the cable whenever no such pull is exerted thereon.

CLASS 28B+C, I.C.-F24C 5/18.

138669.

A STOVE.

Applicants & Inventors : SADAGOPA NAIDU RAMACHANDRAN, OF 23-A, GUJJI NAICKEN STREET, ANNANAGAR, MADRAS-600040, TAMILNADU, INDIA.

Application No. 191/Mas/74 filed December 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

11 Claims

A stove, comprising a fuel tank having an inlet for the introduction of liquid fuel thereto and an outlet for the discharge of said fuel therefrom and a burner connectable by a conduit to said outlet for receiving and igniting the fuel discharged, characterised by a member which is movable to and fro within said tank, said member, when moved in one direction, applying an increasing thrust and when moved in the other direction, applying a decreasing thrust to the fuel in the said tank, so as to regulate the flow of said fuel in the said conduit and, thereby regulate the flame at the said burner; and means for causing a controlled to and fro movement of said member within said tank.

CLASS 11C. I.C.-A01K 41/00.

138670.

INCUBATION OF HATCHING APPARATUS FOR EGGS.

Applicants : ROBBINS INCUBATOR COMPANY, OF 2555 SOUTH SANTA FE DRIVE, DENVER, COLORADO, UNITED STATES OF AMERICA.

Inventors : JAMES G. DUGAN, ALBERT S. HANCOCK, GENE W. HAUSSKE, KENNETH G. HUSTON, BERNARD L. ROSENBERG, AND SHIRLEY M. SMITH.

Application No. 296/Cal/73 filed February 12, 1973.

Convention date May 18, 1972/(23431/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Incubation or hatching apparatus for containing egg supporting means for holding eggs, said apparatus comprising a substantially closed air supply chamber including an air conditioning chamber and a duct assembly, said air conditioning chamber including means for controlling temperature and/or humidity in the apparatus and blower means for circulating air through the apparatus, a first plurality of adjacent bays for containing egg supporting means for holding eggs, each of said bays being separated from an adjacent bay by an impervious common wall having at least one opening therethrough for the flow of air seriatim through said bays, said opening in each such common wall being offset from an air flow opening in an opposite wall of each bay to which said common wall is common to facilitate flow of air at substantially uniform velocity, volume, temperature and humidity through substantially all portions of each bay, with the air flow in adjacent bays being in opposite directions, each of said bays including access means to permit insertion of the egg supporting means into, and removal of the egg supporting means from, the respective bays, the duct assembly connecting an outlet from the air conditioning chamber to the upstream bay of said plurality of bays at a position remote from said opening in said common wall connecting said upstream bay with an adjacent bay to provide air flow through substantially all portions of said upstream bay, and an outlet connecting the downstream bay of said plurality of bays to the air conditioning chamber, said outlet being offset from the opening in the common wall between said downstream bay and the adjacent upstream bay to provide air flow through substantially all portions of said downstream bay so that air is circulated substantially uniformly by said blower means seriatim along a common path through each of said plurality of bays and said air conditioning chamber.

CLASS 15C & 172D. I.C.-F16C 35/08, D01h 7/04.

138671.

BEARING FOR SPINNING AND TWISTING SPINDLES.

Applicants : SKF KUGELLAGERFABRIKEN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, OF 8720 SCHEWEINFURT 2/DEUTSCHLAND, ERNST-SACHS-STRASSE 2-8, FEDERAL REPUBLIC OF GERMANY.

Inventors : GUNTHER WENDEL AND HEINZ MEISLER.

Application No. 1365/Cal/73 filed June 11, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

In and for a spinning-and twisting spindle assembly bearings wherein the centre shaft (spindle) is held in a collar-bearing and a foot-step bearing which are fitted elastically in relation to each other by connecting a carrier containing the said collar bearing and the said footstep bearing by at least one spring bar.

CLASS 65A₂ & 68B₁. I.C.-G05f 5/00, H02m 7/00. 138672.

A VOLTAGE STABILIZER ADOPTED TO CONNECT A.D.C. SOURCE.

Applicants & Inventors : HARISH KUMAR AGARWAL, OF 30 MALKAGANJ ROAD, DELHI-7, INDIA.

Application No. 748/Cal/73 filed April 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A voltage stabilizer adapted to connect a D.C. load, such as D.C. electronic circuit, to an A.C. power source comprising a variable impedance and a control circuit for controlling the impedance of said variable impedance, the desired stabilized voltage being governed by the impedance of said variable impedance, a rectifier pack connected between a power source and the variable impedance for converting the A.C. to D.C. voltage, a first impedance connected to said rectifier pack, a second impedance connected to said rectifier pack such that at a maximum voltage of a voltage range the impedance of said first impedance increases and the output current from said second impedance increases and thereby the voltage drop across said first impedance increases so that a voltage regulation is obtained.

CLASS 105B & 126A. I.C.-G01R 33/02.

138673.

AN INSTRUMENT FOR DETECTING STEEL IN CONCRETE AND LIKE STRUCTURE.

Applicants & Inventors : SULTAN SINGH JAIN. B-63, DR. SHANKAR PRASAD SHARMA, A-14, SHANTI-NAGAR, ROORKEE AND MISS ARUNIMA KEDAR, 40, CIVIL LINES, ROORKEE, DISTRICT SAHARANPUR, UTTAR PRADESH.

Application No. 2288/Cal/73 filed October 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

A steel Detector for detecting the presence of steel or other magnetic material embedded in cement concrete beams, slabs and cantilevers and in other non-magnetic substances, is characterised by two bar-magnets (1A, 1B) and other parts and components of non-magnetic materials wherein the longer magnet (1A) is housed in body (7) and the smaller magnet (1B) is assembled in an cylindrical shaped encasing (14) freely movable about its axle (2A); a light pointer (15) is attached to the smaller magnet (1B) whose free end moves over a dial (8) which is marked in depth units indicating the thickness of the non-magnetic cover from surface to the embedded steel piece.

CLASS 69D. I.C.-H01h 51/00.

138674.

SEALED CONTACT CAPABLE OF BEING MAGNETICALLY ACTUATED, AND ARRANGEMENT THEREOF.

Applicants : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320, PARK AVENUE, NEW YORK 22, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors : WOLFGANG MECKLENBURG, ALFERED LEICHT, WALTER MOFFMANN, HANS DIETER PFEIL, INGO RUDIGER ISERT, HELMUT BUTTEL, RICHARD BRAUNSCHWEIG, AND PHILLIP JOHN SMITH.

Application No. 2745/Cal/73 filed December 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

35 Claims

A sealed contact unit which can be magnetically actuated, including a flat housing consisting of a plane base plate and a hood-shaped cover whose descending rim portion has a flange-like projection which is attached to the base plate, and a flat

armature mounted to the cover or the base plate by an armature holding spring, in which the base plate consists of a ring-shaped outer part and of a disc-shaped inner part which are joined together by a non-metallic ring, and in which the armature faces part of said inner part as well as part of said outer part.

CLASS 32I.a. I.C.-C07C 63/18. 138675.

DESUBLIMER FOR THE RECOVERY OF SUBLIMED PRODUCTS, PARTICULARLY PHTHALIC ANHYDRIDE, FROM REACTION GASES.

Applicants: BASF AKTIENGESellschaft, AT 38 CARL-BOSCH-STRASSE, 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventors: FRIEDRICH WIRTH, GERT BUERGER, JOACHIM WAGNER, EBERHARD SCHOENBERGER, HARRY KASSAT AND HERBERT KOLENDA.

Application No. 489/Cal/74 filed March 7, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A desublimer for the recovery of sublimed products, particularly phthalic anhydride, from reaction gases, consisting of a closed housing for the accommodation or passage of the reaction gas and a plurality of substantially horizontally mounted rows of finned tubes adapted for the passage of heating or cooling media therethrough alternatively, the reaction gas being caused to flow through the housing transversely to the flow of heating or cooling medium in the tubes, the superposed finned tubes being paired off by means of 180° bends interconnecting two superposed tubes at one end thereof, the other ends being provided with connections for the inlet and outlet of the heating or cooling medium giving an alternate arrangement of said connections and 180° bends in the vertical direction, and in which the superposed tubes or rows of tubes are mounted at a distance from each other with a restricted freedom of movement to allow for differences in thermal expansion or contraction, wherein sliders with cage-type perforations are mounted on the finned tubes to form box-like elements thereabouts, disposed in the same positions on each finned tube and at least in the end regions of said tubes, by means of which sliders each finned tube is loosely supported by at least the vertically adjacent slider beneath it, the stacks of directly superposed sliders associated with all rows of tubes or all rows of tubes within each group being loosely supported by common girders securely attached to the housing.

CLASS 29A & 67C. I.C.-G06F 15/00. 138676.

CIRCUIT FOR PROCESSING BINARY SIGNALS.

Applicants: SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, GERMANY.

Inventors: RUDOLF SCHMIDT, WERNER MEIER, RAINER WIETZIG AND HARTMUT SCHUTZ.

Application No. 762/Cal/74 filed April 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A logic circuit for processing binary signals to solve Boolean functions the values of which are represented by the binary signals, the circuit comprising a first bistable circuit which is arranged to be set and reset by said binary signals when fed to the circuit serially with instructions defining the Boolean operations to be performed, a second bistable circuit arranged to be set by any one of said signals when it represents binary zero to block the setting of the first circuit, which second circuit is also arranged to be reset by an OR-operation instruction, a third bistable circuit arranged to be set by the OR-operation instruction when the first circuit has been set, and means to combine the outputs of the first and third circuits in OR-relation to provide the result of the Boolean operations.

CLASS 32F.d. I.C.-C07C 167/18, 169. 138677.

PROCESS FOR PREPARING GONA-4, 9-DIEN-3-ONES.

Applicants: HERCHEL SMITH, OF 500 CHESTNUT LANE, WAYNE, DELAWARE COUNTY, PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventors: DR. HARTLEY AND DR. HUGHES.

Application No. 2225/Cal/74 filed October 4, 1974.

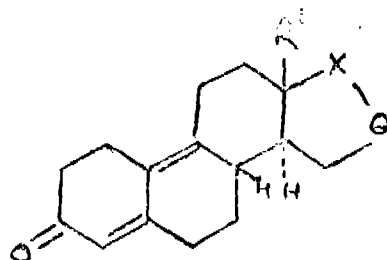
Convention date May 10, 1963/(18499/63) U.K.

Division of Application No. 93652 filed May 6, 1964.

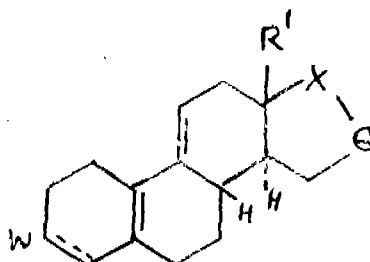
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for preparing a gonadienone having the structure of formula (I).



where R¹ is an *n*-alkyl group of from 1 to 4 carbon atoms, X is a carbonyl, hydroxymethylene, acyloxymethylene or alkyl-hydroxymethylene group, and Q is a methylene or ethylene group, X being a higher acyloxy-methylene group when R¹ is a methyl group and Q a methylene group, and X being a saturated alkylhydroxymethylene group when R¹ is a propyl group, in which a compound of formula II.



where R¹, X and Q are as defined above, W is a ketal group or a tertiary amino group accompanied by a 3, 4-ethylenic bond, is hydrolysed in known manner; and the final group X in the product is subsequently formed, in known manner, where required, by oxidation, reduction or esterification.

CLASS 110 I.C.-D04 15/78. 138678.

ELECTRIC DEVICE FOR SELECTING THE NEEDLES OF A RECTILINEAR KNITTING MACHINE.

Applicants: SUPERBA, OF 13, RUE DE PFESTATT, MULHOUSE, HAUT RHIN, FRANCE.

Inventors: ALFRED MARCEL GLOECKLER.

Application No. 614/Cal/73 filed March 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

An electric device for selecting the needles of a rectilinear knitting machine, comprising a carriage which is displaced in front of the needles, said carriage being provided with an electro-magnetic member for successively operating the needles during its displacement, a memory member containing data

for activating the electro-magnetic member to operate the needles in relation to a determined width of a knitting and an installation for scanning the memory member synchronously with the displacement of the carriage, characterised in that said installation includes electrically conducting sectors radially distributed in circumferentially spaced apart relation and electrically connected to the memory member, at least one electrical contact means located on an insulating support disc arranged to be synchronously movable along a circular path with the displacement of the carriage for contacting successive ones of said circumferentially spaced sectors, and a plurality of electrical contact connecting arcuate strips movable and of a different length electrically connected to the electro-magnetic member which operates the needles, said movable contact means being electrically connected to one of said strips as said means moves along said circular path whereby said data is electrically transmitted from said memory member through said sectors and said means and said strip to said electro-magnetic member.

CLASS 98F & 155F₁+F₂. I.C.-E04b 5/00. 138679.

PROCESS FOR THE PREPARATION OF HEAT-INSULATING BUILDING UNITS AS PANELS, BLOCKS, SLABS AND THE LIKE.

Applicants: LICENCIA TALALMANYOKAT ERTEKESITO VALLALAT, OF 16, BAJCSY-ZSILINSZKY UT, 1051, BUDAPEST V, HUNGARY.

Inventors: JANOS VLADAR ? (MRS.) ILONA VLADAR NEE SZEPES MIHALY JUHASZ, PETER VLADAR AND GABOR VLADAR.

Application No. 1349/Cal/73 filed June 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims. No drawings

A process for preparing heat-insulating building units such as panels, slabs, blocks and the like from cellulose-containing base materials and/or mineral base materials as herein before described using residual oil and/or coal distillation residues, oxides and/or hydroxides of alkali metals and/or alkaline earth metals, and optionally resins and/or foaming agents and/or other additives, in which 15 to 85% by weight of a chopped cellulose-containing basematerial and/or mineral base material are mixed at 120 to 250°C with 10 to 65% by weight of a 120 to 250°C melt of a residual oil and/or coal distillation residue, prior to mixing 1 to 20% by weight of an oxide and/or hydroxide of an alkali metal and/or alkaline earth metal are added to the base material and/or to the distillation residue, mixing is continued at least for one minute, and the obtained material is shaped at a temperature above 80°C.

CLASS 9A, 15A & 158E₁. I.C.-F16C 33/06. 138680.

IMPROVEMENTS IN OR RELATING TO BEARINGS FOR AXLES OF RAILWAY VEHICLES.

Applicants: VANDERVELL PRODUCTS LIMITED, OF NORDEN ROAD, MAIDENHEAD, BERKSHIRE, ENGLAND.

Inventors: ROBERT OLIVER, WILLIAM JOHN WATERMAN AND HAMISH DUNDAS WILSON.

Application No. 437/Cal/73 filed February 28, 1973.

Convention date February 29, 1972/(9399/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A bearing for an axle of a railway vehicles comprising a bearing block cast in aluminium alloy and having a part-cylindrical bore extending along one side thereof to receive an axle of a vehicle, which bore is provided with a lining of lead or tin based babbitt.

CLASS 158D & 161D. I.C.-E01b 21/04. 138681.

FLAT TRACK SHOE WITH TAPERED END RIBS.

Applicants: CATERPILLAR TRACTOR CO., OF 100 N.E. ADAMS STREET, PEORIA, STATE OF ILLINOIS 61602, UNITED STATES OF AMERICA.

Inventors: ALLAN LESLIE FREEDY, CALVIN LYLE MILLER AND FRED EUGENE SIMPSON.

Application No. 2539/Cal/73 filed November 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A track shoe for a track-type tractor comprising :

a base portion defining a generally flat lower surface defining a forward, a rearward, and a pair of sideward edges;

a pair of end portions extending from the base portion, the lower surfaces of which are angled upwardly from the lower surface of the base portion;

the sideward edges interconnecting the lower surface of the base portion and the lower surfaces of the end portions;

the sideward edges being gradually curved and contoured to smoothly connect the lower surface of the base portion with the lower surfaces of the end portions.

CLASS 29D, 132D & 206E. I.C.-G05d 7/06, 11/13. 138682.

MULTICHANNEL DEVICE FOR FLOW-RATE CONTROL OF COMPONENTS IN A CONTINUOUS MIXING PROCESS.

Applicant: SPETSIALNOE KONSTRUKTORSKOE BJU-RO PO AVTOMATIKE V NEFTEPERERABOTKE I NEFTEKHIMII "SKB ANN", KUIBYSHEVSKY FILIAL, OF GLAVPOCHTA, NOVOKUTBYSHEVSK, USSR.

Inventors: LEV PETROVICH ZHURAVLEV ANATOLY NIKOLAEVICH GOLUBKO, GENNADY GEORGIEVICH VOROBIEV, AND ANATOLY PETROVICH NAUMCHUK.

Application No. 2729/Cal/73 filed December 14, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A multichannel device for flow-rate control of components in a continuous mixing process, wherein the controlled-parameter transducer of each control channel is connected to the input of the predetermined to current value comparator of the controlled parameter, said comparator being based upon a control-circuit reversible counter whose output is connected, through a digital-to-analogue converter, to the transducer converting the deviation of the controlled parameter into control action whereas the output of each of said transducers is connected to the actuator of each control channel, the comparator of the predetermined-to-current values of the controlled parameter being controlled from a programmer adapted to predetermine the efficiency of the mixing process and the flow-rate ratio of the components being mixed, said programmer comprising a master pulse generator, while the mixing-process control desk provided with display means, is connected to said programmer adapted to predetermine the efficiency of the mixing process and the flow-rate ratio of the components being mixed, so as to control along each channel the operation of the feeder device supplying the component to be mixed, said multichannel device incorporating a monitor to control the total deviation of the current values of the controlled parameters from the predetermined values, to whose inputs is delivered the total deviation value from the second outputs of the comparator of the predetermined-to-current values of the controlled parameters, while the outputs of said monitor for controlling the total deviation of the current values of the controlled parameters from the predetermined values are connected

to the inputs of the mixing-process control desk so as to control the efficiency of the mixing process and the operation of the feeder devices supplying the components to be mixed and of the control-desk display means; the said programmer for predetermining the efficiency of the mixing process and the flow-rate ratio of the components to be mixed being based upon a multi-channel digital interpolator to whose input the master pulse generator is connected.

CLASS 206E. I.C.-H01b 13/00.

138683.

FILM CIRCUIT ASSEMBLIES.

Applicants: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventors: DAVID WILEY.

Application No. 6/Cal/74 filed January 2, 1974.

Convention date January 16, 1973/(2240/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A film circuit assembly comprising, a film circuit, a housing for said film circuit, said housing including a support plate formed of a material possessing a high thermal conductivity and on which said film circuit is supported, the housing further including a cover which together with the support plate encloses said film circuit, a layer of a fluid material having a high thermal conductivity sandwiched between the film circuit and said support plate, and, a plurality of resilient electrical connectors carried by said cover and resiliently engaging said film circuit, said cover and said film circuit defining therebetween a cavity which is at least partially filled with a material for protecting said film circuit.

CLASS 29D & 206E. I.C.-G06f 15/16, G06K 13/00. 138684.

PORTABLE CALCULATOR.

Applicants: AVIATRONIK PRAZIONSMECHANIK INDUSTRIE-ELEKTRONIK GMBH. OF ROSENHEIMER LANDSTRASSE 39, 8012 OTTOBRUNN BEI MUNCHEN, WEST GERMANY.

Inventors: ADOLF ZIELINSKI.

Application No. 963/Cal/74 filed April 29, 1974.

Convention date March 4, 1974/(9565/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A portable electronic calculator comprising a keyboard; an electronic arithmetic unit; a multi-digit display unit; a supply circuit; a housing for the before-mentioned elements; a single supporting printed circuit board formed in two sections, one of which carries all said elements except the supply circuit and the other of which carries the supply circuit, the circuit board having printed thereon the inter-connecting circuitry for said elements and all the electrical contacts of the keyboard; and a connection adapted to interconnect the two sections mechanically and electrically.

CLASS 55D. I.C.-A01n 9/00, A01n 13/00.

138685.

PROCESS FOR PREPARING AN INSECTICIDAL COMPOSITION CONTAINING D-CIS, TRANS-CHRYSTANTHEMATE.

Applicants: SUMITOMO CHEMICAL COMPANY LIMITED, OF 15, KITAHAMA-5-CHOME, HIGASHI-KU, OSAKA, JAPAN.

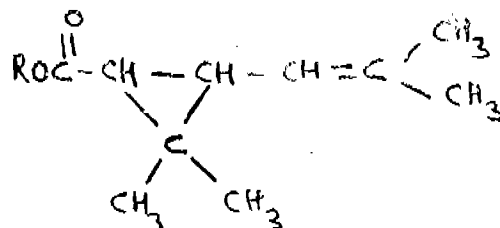
Inventors: YOSHITOSHI OKUNO, AKIRAOYOURA AND AKIO HIGO.

Application No. 2165/Cal/73 filed September 24, 1973.

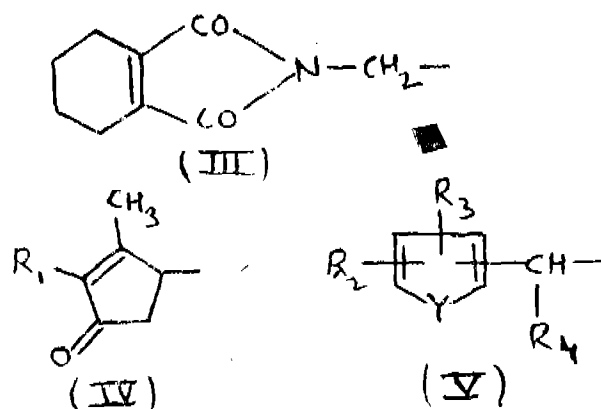
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Process for preparing an insecticidal composition which comprises mixing an inert carrier as herein described to an insecticidally effective amount of 10 to 30% by weight of (+)-cis- and 70 to 90% by weight of (+)-trans-chrysanthemate of the formula I.



wherein R is a member selected from the group consisting of the radicals of formula III, IV and V.



in which R_1 is allyl or propargyl, R_2 is propargyl, benzyl or phenoxy, R_3 is hydrogen or methyl, R_4 is hydrogen or ethynyl, and Y is $-\text{CH}=\text{CH}-$ or oxygen.

CLASS 32F+40B. I.C. C08f 1/56, B01j 11/00.

138686.

PROCESS FOR THE POLYMERISATION OF OLEFINS.

Applicants: SOLVAY & CIE, OF RUE DE PRINCE ALBERT 33, B-1050 BRUSSELS, BELGIUM.

Inventors: EUGENE BERGER.

Application No. 1227/Cal/73 filed May 25, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims

Process for the low pressure polymerisation of alpha-olefines characterised in that the process is carried out in the presence of catalyst system comprising an organic compound of a metal from groups Ia, IIa, IIb, IIIb and IVb of the Periodic Table and a solid catalyst complex prepared by reacting the following compounds together:

- (1) A divalent metal halide,
- (2) an organic oxygen-compound of a metal from groups IVa, Va and VIa of the Periodic Table and
- (3) an aluminium halide.

CLASS 151-C. I.C. B29d 23/00.

138687.

METHOD FOR MANUFACTURING A HOSE OF SYNTHETIC MATERIAL HAVING A SUPPORT COIL.

Applicants : TECHNO-CHEMIE KESSLER & CO. GMBH., OF D-6000 FRANK-FURT AM MAIN 90, VOLTASTRASSE 71-75, FEDERAL REPUBLIC OF GERMANY.

Inventors : GEORG LINHART AND LEO EICHELBERGER.

Application No. 1105/Cal/73 filed May 10, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Method for manufacturing an internally smooth, externally helically threaded hose of synthetic material, wherein a section band comprising a hard thermoplastic material which is to constitute a core forming support coil, and a soft thermoplastic material which is to constitute an envelope for the core integrally with lateral lips, is fed first to a rotating sheave which is provided with an annular slot for accommodating a bulge of the section band formed by the core material, and then to a rotating mandrel where it is wound so as to form a hose in that the lateral lips of adjoining windings overlap or abut and are heat-sealed, whereafter the hose is axially shoved off the mandrel by the sheave which presses the hose in formation radially against the mandrel, and a similar second sheave which is arranged at the other side of the mandrel.

CLASS 107F. I.C. F02p 7/00, 13/00.

138688.

SPARK IGNITION APPARATUS FOR INTERNAL COMBUSTION ENGINES.

Applicants : THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventors : JOHN LONGSTAFF-TYRRELL.

Application No. 1887/Cal/73 filed August 16, 1973.

Convention date August 18, 1972 (38602/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Spark ignition apparatus including a hollow casing, a shaft rotatable in the casing and driven by the engine in use, a sensor adjustably mounted within the casing for angular movement about the rotational axis of the shaft and sensitive to the angular position of a member rotating with said shaft, a housing carried by said casing and receiving components of an electronic circuit operable in use in response to the output from said sensor to break and restore an electronic circuit through the primary winding of an ignition coil, and a vacuum actuator supported by said housing and coupled to said sensor, the actuator in use communicating with the inlet manifold of the internal combustion engine and adjusting the position of said sensor relative to the casing in accordance with the pressure conditions in the inlet manifold.

CLASS 35-C+E & 39L. I.C. C01f 5/06.

138689.

METHOD FOR THE PRODUCTION OF SINTERED MAGNESIA.

Applicants : OESTERREICHISCH-AMERIKANISCHE MAGNESIT A.G., OF BADENTHEIN, CARINTHIA, AUSTRIA.

Inventors : DR. HILDE HAAS.

Application No. 1301/Cal/73 filed June 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

Method for the production of sintered magnesia from magnesium compounds which supply periclase on burning, particularly crude magnesite or caustic magnesia, by adding zirconium compounds, characterized in that the magnesium compounds 2-497GI/75

or the caustic magnesia are mixed with 0.2 to 3.6% preferably 0.4 to 2.4% zircon ($ZrO_2 \cdot SiO_2$) (related to the MgO content of the resulting sintered magnesia) of a grain size of not more than 0.2 mm, where at least 90% of the zircon have a grain size of less than 0.075 mm, and that the mixture obtained is briquetted and sintered.

CLASS 160A. I.C. B60p 1/28.

138690.

IMPROVEMENTS IN OR RELATING TO TIPPING TRAILER.

Applicants & Inventors : SATISHCHANDRA DEHYABHAI PATEL, C/O BHAVANI INDUSTRIAL ESTATE, SURKHEJ, DISTRICT AHMEDABAD, GUJARAT, INDIA.

Application No. 64/BOM/73 filed February 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims

A tipping trailer comprising a body mounted on a frame having front and rear ends which are mounted on wheels, and a jack provided in between said wheels and the said front end, and in between the body and frame of said tipping trailer characterised in that said body is pivotally mounted on the said frame so that about $\frac{1}{4}$ portion of the body thereof overhangs the said frame beyond the point at which it is pivotally connected to said frame.

CLASS 32C & 55E+E4. I.C. A61K 27/00.

138691.

A METHOD OF MANUFACTURING A THERAPEUTIC AGENT FOR THE TREATMENT OF LEPROSY.

Applicants & Inventors : MUKUL KUMAR SAHA, OF P.O. & VILL :—FALTA, DISTRICT 24-PARGANAS, WEST BENGAL, INDIA.

Application No. 861/Cal/75 filed April 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A method of manufacturing a therapeutic agent for the treatment of leprosy comprising—

(a) suspending living egg cells or rotten egg cells with water in the ratio of 1 : 1,

(b) chlorinating as herein defined the so obtained aqueous suspension above 55°C. and cooling the chlorinated mass to room temperature,

(c) subjecting the cold chlorinated mass to distillation at below 55°C. and finally isolating the distilled product and storing in air tight container.

CLASS 205H. I.C.-B60C 11/04.

138692.

PNEUMATIC TIRE.

Applicants : THE FIRESTONE TIRE & RUBBER COMPANY, OF 1200, FIRESTONE PARKWAY, AKRON, STATE OF OHIO 44317, UNITED STATES OF AMERICA.

Inventors : LEE WAYNE.

Application No. 2209/Cal/73 filed October 1, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A pneumatic tire having a tread with a tread design therein, said design having at least one groove, said groove having a substantially V-shaped cross-section with at least one of its walls at an angle of at least 18 degrees to the radial plane extending lengthwise of the groove and passing through the junction of said groove wall and the road-contacting surface, said one angled groove wall having lateral channels each of which

has a lateral wall and two transverse walls, the lateral walls of said channels extending at a lesser angle to said radial direction than the said one angled groove wall in which they are contained, so that the effective road-contacting length of said transverse walls of said channel is increased as the tire tread is progressively worn.

CLASS 99E+H. I.C.-B65d.

138693.

CONTAINERS.

Applicants: DR. KARL THOMAE GASELLSCHAFT MIT BESCHRANKTER HAFTUNG, OF D-7950, BIBERACH AN DER RISS, FEDERAL REPUBLIC OF GERMANY.

Inventors: KLAUS MOHRKE, HEINRICH EGGERT, DR. HELMUT FRANZ, AND DIETER JARSEN.

Application No. 672/Cal/73 filed March 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

28 Claims

A container of the kind described having an elongate flexible closure member extending through the wall of the container and sealed therein with part of said closure member extending outwardly of the container, said part being engageable by hand to permit the closure member to be pulled out of the container wall thereby to provide a discharge opening through which the contents of the container can be discharged.

CLASS 85Q. I.C.-F27b 17/00.

138694.

A DEVICE DESIGNED TO EXTRACT FROM A REVOLVING FURNACE ALL OR PART OF THE SOLID MATERIAL TREATED THEREIN.

Applicants: SOCIÉTÉ FRANÇAISE D' ELECTROMETALLURGIE, OF 10 RUE DE GENERAL FOY, PARIS, FRANCE.

Inventors: ANDRE MONTARON, CHRISTIANE RENE PIERRETTE MONTARON NEE CHARLES.

Application No. 128/Cal/73 filed January 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A device designed to extract from a revolving furnace part of the solid material treated therein, which comprises at least one tube coiled around and integral with the furnace and communicating with the down-stream end of the latter via the end of at least one of said tubes characterised in that the ratio (V/V) between the volume (V) of a single turn of the tube and the volume (v) of the material entering the turn during one revolution of the furnace, lies between 1/15 and 1/4.

CLASS 131B. I.C.-21b 3/00, E21C 1/100.

138695.

METHOD AND MEANS FOR DRILLING.

Applicants: ATLAS COPCO AKTIEBOLAG, AT NACKA, SWEDEN.

Inventors: MR. JAN EDVARD PERSSON.

Application No. 237/Cal/73 filed February 1, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A method for drilling by means of a rotatable drilling tool adapted to drill a hole in advance of trailing non-rotating casing tube means which are passed by drill rod means for carrying, rotating, and supplying flushing medium to said drilling tool, the drilling particles produced during drilling being removed by said flushing medium via said casing tube means, said method comprising

(a) maintaining an annular slot of predetermined and substantially constant width between the mouth of said casing tube means and said drilling tool, and

(b) sifting the flushing medium through said slot for preventing over-sized drilling particles to be entrained into said slot and casing tube means during removal of said flushing medium.

CLASS 62C+C₁+C₂. I.C.-C09b 67/00.

138696.

PROCESS FOR PREPARING A STABLE DYESTUFFS OR PIGMENT PREPARATION.

Applicants: HOECHST AKTIENGESSELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

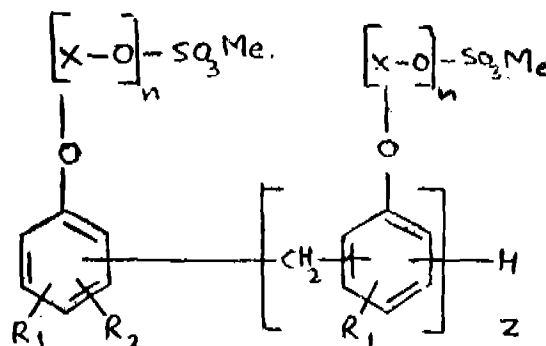
Inventors: MAX GROBMANN, KARL-HERMANN LIST, HEINZ UHRIG.

Application No. 364/Cal/73 filed February 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for obtaining a stable dyestuff or pigment dispersion which comprises effecting the stable fine distribution by grinding the dyestuff or pigment in the presence of an aqueous solution of a sulfuric acid semi-ester of the general formula I.



(1)

in which X stands for an ethylene or propylene group, R₁ for a saturated alkyl group having 4 to 14 carbon atoms, R₂ for a hydrogen atom or a saturated alkyl group having 4 to 14 carbon atoms, n for an integer of 2 to 25, preferably 3 to 15, Z for zero or an integer of 1 to 9 and Me for a hydrogen atom, an alkali metal atom, an equivalent of an alkaline earth metal atom, an ammonium ion or the radical of an organic base.

CLASS 62C. I.C.-D06p 1/18.

138697.

PROCESS FOR THE PREPARATION OF FAST DYEINGS OR PRINTS OR SYNTHETIC FIBER MATERIALS.

Applicants: HOECHST AKTIENGESSELLSCHAFT, OF 6230, FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

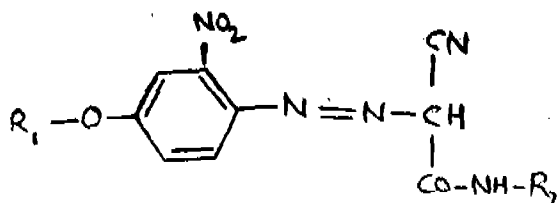
Inventors: ERICH BRENNEISEN, ERNST HOYER, MARIA KALLAY, KARL-HEINZ KRELL AND WILLI ETECKELBERG.

Application No. 367/Cal/73 filed February 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A process for the preparation of fast dyeings or prints on synthetic fiber material wherein said fibrous material is treated with a dyestuff of the formula (1).



in which R₁ represents an alkyl group having 1-4 carbon atoms which may be substituted by a methoxy or ethoxy group, and R₂ stands for a naphthyl radical or a phenyl radical which may be substituted by a halogen atom, an alkyl and/or alkoxy group each having 1-4 carbon atoms, a trifluoromethyl, nitro hydroxy, cyano, carbalkoxy, acetyl, benzoyl, and/or phenoxy group, in an aqueous dispersion or in an organic solvent.

CLASS 130-I. I.C.-C22b 15/10. 138698.

RECOVERY OF COPPER.

Applicants: THE ANACONDA COMPANY, OF 25 BROADWAY, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors: MARTIN CLIFFORD KUHN AND NATHANIEL ABRITER.

Application No. 440/Cal/73 filed February 28, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

The method of recovering copper from sulfidic minerals thereof which comprises forming a slurry of said minerals in finely divided form in an aqueous solution containing ammonium sulfate and free ammonia, passing said slurry at a atmospheric pressure of so near atmospheric pressure not exceeding 10 psig into a closed leaching vessel, maintaining the temperature of the slurry in the range from 50°C. to 80°C., and withdrawing from said vessel slurry containing copper complexed with ammonia dissolved in the aqueous phase and mineral matter depleted in copper in the solid phase, characterized in that the body of slurry in said vessel is agitated with a vigor input of at least 0.05 horsepower per cubic foot while introducing oxygen into the agitated slurry at a substantial depth below the surface of said body.

OPPOSITION PROCEEDINGS

An opposition has been entered by Gruppo Lepetit S.p.A. to the grant of a patent on application No. 137517 made by Archifar Industrie Chimiche Del Trentino S.p.A.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

99049 99326 99353 99354 99363 99394 99434 99456 99470
99472 99477 99689 99734 100207 100242 100450 100454

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146 (2) of the Patents Act, 1970, in respect of Calendar year, 1974 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

Sl No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief title of the Invention
1	2	3	4	5
1.	128082	19-8-70	The Anaconda Company, 25 Broadway, New York, State of New York, U.S.A.	Vulcanising polymeric coverings on electric cables.
2.	128111	20-8-70	AB Ehrnberg & Sons, Lader fabrik, Sim-pishamn, Sweden.	A foam stabilized non-woven leather like sheet containing synthetic fibres.
3.	128144	24-8-70	Nippon Kokan Etc, of No. 2, 1-chome, Otemachi, Chiodaku, Tokyo, Japan.	Self soluble slag forming agent.
4.	128182	26-8-70	Farbwerke Hoechst Aktiengesellschaft Vormals, of 45, Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.	Water soluble monoazo dyestuffs.

100598 100634 100692 100765 100811 100886 100891 100907
100910 100917 100922 100923 100980 100991 101029 101036
101045 101046 101058 101062 101088 101098 101100 101119
101131 101151 101154 101168 101218 101246 101247 101283
101440 101455 101546 101574 101599 101637 101695 101754
101783 101852 102016 102089 102110 102127 102419 102449
102657 103032 103103 103179 103464 103609 104113 104124
104549 104576 104749 105889 108652 108653.

(2)

112921 113168 113656 114336 114386 114405 114411 114474
114666 114667 115050 115339 115412 115727 116223 117145
117655 117834 117895 118026 118106 118146 118650 119002
119376 119701 119702 119734 120717.

PATENTS SEALED

130941 131994 135986 136634 136944 136990 137008 137011
137014 137027 137032 137035 137037 137038 137058 137064
137066 137068 137069 137070 137074 137075 137082 137083
137084 137087 137089 137091 137092 137098 137117 137118
137135 137138 137143 137148 137178.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claim made by ORSYMONDE under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 137842 in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The amendments proposed by Rhone Poulenc S.A. in respect of patent No. 137119 as advertised in Part III, Section 2 of the Gazette of India dated the 25th October 1975 have been allowed.

(2)

The amendments proposed by Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunning in respect of patent application No. 136668 as advertised in Part III, Section 2 of the Gazette of India dated the 25th October 1976 have been allowed.

1	2	3	4	5
5.	128184	26-8-70	Union Carbide Corporation, 270 Park Avenue, New York, New York-10017, U.S.A.	Hydrogen absorbing material for electro-chemical cells.
6.	128223	28-8-70	Sankyo Co. Ltd, 16, 3-chome, Nihonbashi, Honcho, Chuo-ku, Tokyo.	Organic phosphorous compounds useful as insecticides.
7.	128255	1-9-70	Sun Research & Development, & Co, 1608, Walnut St., Philadelphia, Pennsylvania, U.S.A.	Oxidation of hydrocarbon.
8.	128281	2-9-70	The Goodyear Tire & Rubber Co, 1144 East Market St, Akron, Ohio, U.S.A.	Solid state polymerization process.
9.	128286	20-4-72	Zaidan Hojin Biseibutsu, of No. 14-23- 3-chome, Kamiosaki, Shinagawa ku, Tokyom Japan.	Process for the production of hypotensicce called redenone andito metal salts.
10.	128324	8-9-70	Dorr-Oliver (India) Ltd, "The International", 16, Queens Road Estate, Bombay.	Method for the setting of scale forming suspensions such as those of red mud in alumina, manufacture.
11.	128338	8-9-70	Ethicon Inc, of Somer Ville, New Jersey, U.S.A.	Polyactide sutures.
12.	128381	11-9-70	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Reduction of phosphorous content of high phosphorous manganese oxide ores.
13.	128460	17-9-70	Societe Aronyme, of Avenue de Broqueville 12, 1150 Brussels, Belgium.	Rust inhibitor.
14.	128495	19-9-70	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W. 1, England.	Radiation sensitive films.
15.]	128542	22-9-70	Texaco Development Corporation, of 135 East 42nd, Street, New York, N. Y. 10017, U.S.A.	Production of synthesis gases and fuel gases.
16.]	128545	20-4-72	Choay S.A., 48, Avenue Theophile-Gamfier 75, Paris 16 eme.	Preparation of calcium salt of N-acetyl b-amino hexanoic acid.
17.	128612	26-9-70	Merck Patent Gesellschaft Mit Beschränkta Haftung, Dormstadt, German Federal Republic of Germany.	Mica based lustrous pigments.
18.	128625	20-4-72	Pfizer Inc, 235 East 42nd Street, New York, State of New York, U.S.A.	Calcium alpha-carboxylenzyl penicillin recovery process.
19.	128651	29-9-70	Cluett, Peabody & Co, Inc, 433 River Street, Troy, New York, U.S.A.	Mixing of ammonia with non-volatile materials.
20.	128677	3-10-70	Monsanto Company, 200 North Lindberg Boulevard, St. Louis, Missouri, 63166, U.S.A.	N-azolyl sulfonamides.
21.	128725	7-10-70	Imperial Chemical Industries, Imperial Chemical House, Millbank, London, S.W. 1, England.	Liquid hydro-carbon fuels.
22.	128727	20-4-72	C.E.R.P.H.A. (Centre European De Recherches Pharmacologiques), of 71 avenue Laplace, Archeil, Valde Marne, France.	Phenoxyacetic acid derivatives.
23.	128755	12-10-70	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London, S.W.1, England.	1.1.1. trichloroethane.
24.	128992	26-10-70	Hindustan Lever Ltd., Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020.	Personal Washing tablets.
25.	128999	26-10-70	Nippon Kokan, of 1-3, 1-chome, Otemachi, Chioda-ku, Tokyo, Japan.	Low alloy steel.
26.	129024	27-10-70	Ferbwerke Hoechst Aktiengesellschaft Vormals, of 45, Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.	Dyeing of textile material made from mixtures of polyester and cellulosic fibers.
27.	129044	30-6-71	Engelhard Minerals & Chemical Corp, 113 Astor St, Newyork, U.S.A.	Ammonia oxidation.

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28.	129063	30-6-70	Atlas Chemical Industries Inc., of New Murphy Road and Concord Pike, Wil- mington, State of Delaware, U.S.A.	Cyclic ketals.
29.	129065	30-10-70	Fritz Reinke, Neckarstrasse 55D, 6122 Erbach, W. Germany.	Making articles fibre reinforced plastics materials.
30.	129070	31-10-70	Council of Scientific and Industrial Re- search, Rafi Marg, New Delhi-1.	Coagulant aid-15 forcoagulation of sus- pended impurities from liquids.
31.	129074	31-10-70	Eastman Kodak Company, 343 State Street, Rochester, New York 14650, U.S.A.	Method of treating colour developer so- lution.
32.	129095	3-11-70	Farbwerke Hoechst Aktiengesellschaft Vor- mals, of 45, Brunning Strasse, Frankfurt/ Main, Federal Republic of Germany.	Water soluble reactive xanthenium dyestuffs.
33.	129099	3-11-70	Roger Melvin Woods and David Ray- mond Moul, of 2302, Seth Thomas Road, Charlotte, North Carolina, U.S.A.	Gold plating.
34.	129101	3-11-70	Agfa-Gevaert N. V., Septestraat 27, B 2510 Mortsel, Belgium.	Polymeric film.
35.	129111	4-11-70	Celanese Corporation, 1211 Avenue of the Americas, New York, New York, U.S.A.	Open-celled micro porous polymer films.
36.	129118	4-11-70	Kuraray Co Ltd, 1621 Sakazu, Kurashiki- city, Japan.	Polyvinyl alcohol fibre.
37.	129123	6-11-70	Universal Oil Products Company, No. 30 Algonquin Road, Des Plaines, State of Illinois, U.S.A.	Regeneration of a coke deactivated catalyst containing Platinum and rhenium.
38.	129125	6-11-70	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W. 1, England.	Synergistic stabilised allphatic hydrocarbon compositions.
39.	129127	6-11-70	Exxon Research and Engineering Company, New Jersey, U.S.A.	Conversion of gas mixture containing carbon monoxide and steam to hydrogen and carbon dioxide.
40.	129139	7-11-70	Do.	Conversion of gas mixtures containing car- bon monoxide and steam to hydrogen and carbon dioxide.
41.	129142	7-11-70	Celanese Corporation, 1211 Avenue of the Americas, New York, New York, U.S.A.	Production of novel open celled microporous crystalline polymer film.
42.	129150	9-11-70	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020.	Soap tablet.
43.	129154	9-11-70	Snam Progetti S. p. A., 16, Corso Venezia, Milan, Italy.	Removing catalytic metal residues from poly olefins.
44.	129162	10-11-70	Sherritt Gordow Mines Ltd, Suite 2800, Commerce Court West, Toronto, Outa- rio, Canada.	Extracting nickel and cobalt values from paterite ore.
45.	129165	10-11-70	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020.	Skin lightening preparation.
46.	129188	20-4-72	Council of Scientific and Industrial Re- search, Rafi Marg, New Delhi-1.	A synthesis of 2, 2-dicalkyl- β , 4-diphenylchro- menes.
47.	129225	16-11-70	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W.1. England.	Metal deposition process.
48.	129227	20-4-72	Richardson-Merrell Inc, States of America 122, East 42nd Street, New York-17, State of New York, U.S.A.	Anti-foaming composition.
49.	129231	21-5-71	Texaco Development Corporation, 135 East 42nd Street, New York.	Production of synthesis gas.
50.	129263	17-11-70	Snam Progetti S. p. A., 16 Corso Venezia, Milan, Italy.	Treating effluent gases in the ammonia sythesis.

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51.	129275	18-11-70	Neyrpic-BMB, Rue General Mangin Cre-noble, Isore, France.	Apparatus for the formation of a web from a suspension of particles.
52.	129283	18-11-70	Commercial Solvents Corp., 245 Park Avenue, New York.	Production of zeaxanthins.
53.	129284	18-11-70	Do.	Do.
54.	129285	18-11-70	Do.	Do.
55.	129297	19-11-70	Shell Internationale Research Maatschappij N.V., 30 Carel van Bylandtlaan, The Hague, The Netherlands.	Dimethyl 1-methyl-2-(methylecarboxymethyl) vinyl phosphate.
56.	129304	19-11-70	Farbwerk Hoechst Aktiengesellschaft Vormals, of 45 Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.	Amino phenyl alkyl ethers.
57.	129305	20-4-72	Merck Patent Gesellschaft mit, of Darmstadt, Frankfurt, Strasse, 250, West Germany.	Preparation of peruvoside.
58.	129307	19-11-70	Texaco Development Corporation, 135 East 42nd St., New York.	Synthetic lubricating oil compositions.
59.	129308	19-11-70	E.I. Du Pont de Nemours & Co, Wilmington Delaware, U.S.A.	Hard wear resistant, corrosion-resistant, scratch and oxidation resistant materials made of refractory composition.
60.	129322	20-11-70	Shell Internationale Research Maatschappij N.V., Carel van Bylandtlaan 30, The Hague, The Netherlands.	Quenching unstable pyrolysis effluent gases.
61.	129331	20-11-70	Texco Development Corporation, 135 East 42nd Street, New York.	Reducing gas.
62.	129336	21-11-70	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Titanium dioxide concentrated and iron oxide pigment from ipmenite.
63.	129347	23-11-70	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020.	Fatty acid mono-di-glycerides.
64.	129354	20-4-72	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Cyano phenyl-1, 4-dihydropyridine derivatives.
65.	129371	24-11-70	Nippon-Kokan Kabushiki Kaisha, 1-3, 1-chome, Otemachi, Chiyodaku, Tokyo.	Reaction apparatus for fluidized bed.
66.	129372	24-11-70	Farwerke Hoechst Aktiengesellschaft Vormals, Meister Lucius, Brunning, 45, Brunning strasse, Frankfurt/Main, Federal Republic of Germany.	Pigments of the quinacridone series.
67.	129374	24-11-70	Sankyo Co Ltd, 1-6, 3-chome, Nihonbashi, Mancho, Chuoku, Tokyo.	Phenylthiopyridazine compounds.
68.	129385	25-11-70	Bayer Aktiengesellschaft, Leverkusen, Federal Republic of Germany.	Novel triazolotriazinones.
69.	129386	25-11-70	Hilrich Koppers Gesellschaft Mit Heschrankter Haftung, Moltkestrasse 29, 4300 Essen, Federal Republic of Germany.	Carbon monoxide.
70.	129400	26-11-70	British Insulated Callender's Cables Ltd, 21 Bloomsbury St, London, S.C. 1, England.	Processing of wire.
71.	129402	26-11-70	Tor-Isteg Steel Corporation, 19 rue Al-dringer, Luxembourg.	Reinforcement for a reinforced concrete structures.
72.	129403	26-11-70	Ferro Corporation, Erleview Plaza, Cleveland, Ohio 44114, U.S.A.	Fore colour concentrate.
73.	129415	27-11-70	Universal Oil Products Co, No-30 Algonquin Road, Des Plaines, State of Illinois, U.S.A.	Regenerating a deactivated hydrocarbon conversion catalyst.
74.	129431	28-11-70	Agfa-Gevaert No V., 27 Septestraat, 2510 Mortsel, Belgium.	Polymer films.

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75.	129438	30-11-70	Universal Oil Products Co, No. 30 Algenquin Rd, Des Plaines, State of Illinois, U.S.A.	Para-xylene and gas oilne.
76.	129453	18-8-71	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Re- Oil well cement additives.
77.	129460	2-12-70	Shell Internationale Research Maatschappij N.V., 30, Carel van Bylandtlaan, The Hague, The Netherlands.	1-phenylvinyl phosphorous esters.
78.	129492	4-12-70	Eastman Kodak Company, of 343 State Street, Rochester, New York, 14650, U.S.A.	Producing a masked photographic transparency.
79.	129493	4-12-70	Do.	Silica titania catalyst.
80.	129510	21-8-71	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Re- Preparation of electro deposits on mild steel from linseed oil maleic acid/anhydride resins.
81.	129511	4-10-71	Do.	Mercuric oxide electrodes for use in alkaline mercury oxide cells.
82.	129517	5-12-70	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Stilbene compounds.
83.	129518	5-12-70	Sulzer Brothers Ltd, of Winterthur, Switzerland.	Ammonia synthesis process.
84.	129567	11-12-70	Shell Internationale Research Maatschappij N.V., 30, Carel van Bylandtlaan, The Hague, The Netherlands.	Process for epoxidizing olefine with hydroperoxides.
85.	129569	11-12-70	Do.	Producing substantially sulphur free gas stream and a hydrogen sulphide-rich gas stream.
86.	129579	14-12-70	Imperial Metal Industries (Kynoch) Ltd, of Kynoch Works, Witton, Birmingham 6, Warwickshire, England.	Electrodes for use in electrolytic process.
87.	129619	16-12-70	Rhone-Progil, 25 Quai Paul Doumer, Courbevoie, France.	Rhombohedral anhydrous calcium sulphate II.
88.	129638	17-12-70	Shell Internationale Research Maatschappij N.V., 30, Carel van Bylandtlaan, The Hague, The Netherlands.	A gas mixture containing hydrogen and carbon monoxide.
89.	129640	17-12-70	Universal Oil Products Company, No. 30 Algonquin Road, Des Plaines, Illinois, U.S.A.	Gasoline production.
90.	129643	17-12-70	Farbwerke Hoechst of 45 Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.	Water soluble mono-azo dyestuffs.
91.	129662	19-12-70	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Stabilized rubber.
92.	129663	19-12-70	Do.	Process for the vulcanization of ethylene propylene terpolymer.
93.	129664	19-12-70	Do.	Inorganic pigments.
94.	129673	21-12-70	Electrolytic Zinc Company of Australasia Ltd, 390 Lonsdale St, Melbourne, in the State of Victoria, Commonwealth of Australia.	Method of removing dissolved ferric iron from iron bearing solutions.
95.	129702	22-12-70	Texaco Development Corporation, 135 East 42nd Street, New York.	Catalytic cracking of naphtha.
96.	129712	23-12-70	Westinghouse Electric Corporation, Pittsburgh, Pennsylvania, U.S.A.	Pit- Method of coating europium activated strontium chlorophosphate phosphor on to a lamp envelope.
97.	129720	24-12-70	Stamicarbon N. V., Van de Maesenstraat 2, Heerlen, The Netherlands.	Preparation of ureas and melamine.
98.	129725	24-12-70	Texaco Development Corporation, 135 East 42nd Street, New York.	Catalytic cracking of hydrocarbons.

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99.	129728	24-12-72	Ciba-Geigy A.G., of Klybeckstrasse 141, Basle, Switzerland.	New Monoazo compounds.
100.	129749	28-12-70	N.V. Bekaert S.A., of Zwevegem, Belgium.	Steel wire coated by extrusion with polyethylene terephthalates.
101.	129757	28-12-70	Matsushita Electric Industrial Co Ltd, of 1006, 092a, Kadama, Kadama-shi, Osaka, Japan.	Producing manganese dioxide electrolytically.
102.	129760	28-12-70	Fisher Flower Mills Co, 3235 16th Avenue South West, Seattle, Washington.	An apparatus and method for continuous production of bulgur.
103.	129769	29-12-70	Universal Oil Products Company, No. 30 Algonquin Road, Des Plaines, State of Illinois, U.S.A.	Aromatic hydro carbon.
104.	129831	4-1-71	Do.	C ₈ -alkylaromatic isomerisation process.
105.	129854	6-1-71	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020.	Instant tea powder.
106.	129855	6-1-71	Do.	Extraction of tea and preparation of instant tea powder from the extract so obtained.
107.	129870	7-1-71	Canadian Westinghouse Co, of 286, Standard Avenue, North Hamilton, Ontario, Canada.	Calcium halo phosphate "day light" phosphor for fluorescent lamp.
108.	129871	7-1-71	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020.	Pyrazine derivatives.
109.	129893	11-1-71	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W.1, England.	Foamed polyolefine films.
110.	129935	14-1-71	Farbwerke Hoechst Aktiengesellschaft Vormals, Meister Lucius, Brunning, 45, Brunningstrasse, Frankfurt/Main, Federal Republic of Germany.	Dyeing of synthetic textile materials.
111.	129961	15-1-71	Japan Gas-Chemical Company Inc, of 1-1, 2-chome, Uchisaiwaicho, Chiyoda-ku, Tokyo, Japan.	Process for producing a formaldehyde aqueous solution having a low methonal content.
112.	129989	19-1-71	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, and London, S.W.1, England.	1,1 disubstituted 4-4 bipyridylum salt and related compounds.
113.	129991	19-1-71	Chemie Linz Aktiengesellschaft, St. Peter 224, Linz/Donau, Austria.	Defluorination of gypsum.
114.	130000	19-1-71	Ciba-Geigy AG., of Klybeckstrasse 141, Basle, Switzerland.	Azo dyestuffs compounds.
115.	130010	20-4-72	Societe D'Etudes de produits Chimiques, 16 rue Kleber, 92 Issy-les-Moulineaux, France.	Salts of pyridoxine mono-esters.
116.	130020	21-1-71	Stamicarbon N.V., van der Massenstraat 2, Hoorlen, The Netherlands.	Preparation of cyclo-hexanone oxime.
117.	130021	21-1-71	Do.	Production of cyclohexanone oxime.
118.	130043	25-1-71	Melle-Bezons S.A., of Saint-Leger-Les-Melle (Deux Sevres), France.	β methoxy aldehydes.
119.	130060	25-10-71	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Process for formulating corrosion inhibiting compositions for steel in acid solutions.
120.	130083	28-8-71	Wendell E. Dunn Inc, 1112 King Street, Wilmington, Delaware, U.S.A.	Recovery of titanium dioxide from ores.
121.	130088	28-1-71	Solvay Et Cie, 33, Rue Du Prince Albert, Brussels 5, Belgium.	Ziegler-nattatype catalyst.
122.	130101	20-4-72	Pfizer Inc, 235 East 42nd Street, New York, State of New York, U.S.A.	Substituted benzo (B) thiophenes.

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123.	130106	29-1-71 Ciba-Geigy AG., Klybeckstrasse 141, Basle, Switzerland.		New disazo pigments.
124.	130117	30-1-71 Imperial Chemical Industries Limited, Imperial Chemical House, Millbank, London, S.W.1, England.		Compositions comprising a powder normally causing collapse of foams.
125.	130121	1-2-71 Do.		Treatment of brine.
126.	130125	1-1-71 Hooker Chemical Corp, Niagara Falls, New York.		Process for the generation of chloride dioxide, chlorine and the production of alkali metal.
127.	130138	2-2-71 George Henri Salomone 14 Avenue Pierre ler de Serbie, Paris 16eme, France.		Composition for the emulsification and degradation of petroleum products and fertilizers thus obtained.
128.	130139	2-2-71 Do.		Method of emulsifying petroleum products in a form degradable by micro organism.
129.	130140	2-2-71 Farbwerke Hoechst Aktiengesellschaft vormals, Meister Lucius, 45, Brunningsstrasse, Frankfurt/Main, Federal Republic of Germany.		Benzoxantho dyestuffs.
130.	130145	2-8-71 Ciba-Geigy AG., of Klybeckstrasse 141, Basle, Switzerland.		New packages containing dyestuffs.
131.	130157	3-2-71 Parksons Corp., 5601 North East 14th Avenue, Fort, Landerdale, Florida, USA.		Reacting a gaseous reactant with a liquid reactant.
132.	130158	3-2-71 Shell Internationale Research Maatschappij N. V., 30 Carel van Bylandtlaan, The Hague, The Netherlands.		Preparation of phosphorylated 1, 2 4-oxadiazole derivatives.
133.	130159	3-2-71 Agfa-Gevaert No V., 27, Septestraat, Mortsel, Belgium.		Photographic materials.
134.	130160	3-2-71 Do.		Do.
135.	130173	4-2-71 Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.		Sulphenamides.
136.	130176	4-2-71 Halcon International Inc, 2 Park Avenue, New York, New York, 100016, U.S.A.		Glycol esters of olefins.
137.	130178	4-2-71 Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400 020.		Treatment of Karanja oil.
138.	130202	6-2-71 Sherritt Gordon Mines Ltd, of 25 King Street, West, Toronto, Ontario, Canada.		Controlled reduction roasting of nickeliferous iron oxide ores.
139.	130209	8-2-71 Shell Internationale Research Maatschappij N. V., of 30, Carel van Bylandtlaan, The Hague, The Netherlands.		Regenerating a deactivated reforming catalyst.
140.	130233	10-2-71 Stone & Webster Engineering Corp., of 235 Franklin Street, Boston, State of Massachusetts, U.S.A.		Removal of acidic gases from hydro carbon streams.
141.	130256	15-2-71 Shell Internationale Research Maatschappij N. V., of 30, Carel van Bylandtlaan, The Hague, The Netherlands.		Substituted 1, 4-quinone derivatives.
142.	130260	15-2-71 Koninklijke Industriële Maatschappij Noury & van der Lande N. V., of 13, Brink, Deventer, The Netherlands.		Liquid photo sensitizer composition.
143.	130270	15-2-71 Snam Progetti S.p. A., 16, Corso Venezia, Milan, Italy.		Separation of a partially halogenated pyrimine of aluminium.
144.	130282	16-2-71 Farbwerke Hoechst Aktiengesellschaft vormals, Meister Lucius, Brunning, 45 Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.		Water-soluble monoazo-dyestuffs.
145.	130295	15-11-71 Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.		Electro chemical process for the production of para-amino dimethyl aniline.
146.	130323	19-2-71 Stamicarbon N. V., of van der Maesensstraat 2, Heerlen, The Netherlands.		N-substituted acetaldimines.

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147.	130343	23-2-71 Imperial Chemical Industries Limited, Imperial Chemical House, Millbank, London S.W.1, England.		Reducing residual acidity of an ester product.
148.	130346	23-2-71 Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri, 63166, U.S.A.		Vulcanizing rubber with 3-cycloalkylthio 3-azabicyclo (3:2:2) nonanes.
149.	130356	24-2-71 Parkson Corp., 5601 N.E. 14th Avenue, Fortland eradale, Florida, U.S.A.		Super phosphoric acid.
150.	130367	25-2-71 Farbwerke Hoechst Aktiengesellschaft, Vormals Meister Lucius, 45 Brunning strasse, Frankfurt/Main, Federal Republic of Germany.		Metal complex compounds of the monoazo dyestuffs.
151.	130371	25-2-71 Deutsche Gold-Und Silver, Scheideanstalt Vormals, Roessler, 9 Weissfrauenstrasse, Frankfurt, Federal Republic of Germany.		Calcium thioacetate.
152.	130374	25-2-71 Ciba-Geigy AG., of Klybeckstrasse 141, Basle, Switzerland.		New azo compounds.
153.	130415	1-3-71 Rhone-Poulenc S. A., 22, Avenue Montaigne, Paris 8e, France.		Anisotropic organosilicon polymer membrane.
154.	130416	1-3-71 Shell Internationale Research Maatschappij N. V., Carel van Bylandtlaan 30, The Hague, The Netherlands.		Selective removal of hydrogen sulphide from gases containing hydrogen.
155.	130418	1-3-71 Mafina S.A., of 5 route de Beaumont, Fribourg, Switzerland.		Solid product with lubricating properties.
156.	130432	1-7-68 Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London S.W.1, England.		Manufacture of 1, 1 disubstituted-4-4 bipyr-ridylum salts.
157.	130434	20-4-72 Pfizer Inc, 235 East 42nd Street, New York State of New York, U.S.A.		Analogues of lapachol.
158.	130447	3-3-71 Walter Von Haumeder, 7801 Ehrenstetten, Federal Republic of Germany.		Refining molten metal.
159.	130449	3-3-71 Compagnie Pechiney, of 23, rue Balzac, Paris 8e, France.		Producing a master alloy for the treatment of spheroidal graphite cast iron.
160.	130463	4-3-71 East Kodak Company, of 343 State Street Rochester, New York 14650, U.S.A.		Photographic bleach fixing compositions.
161.	130465	4-3-71 Koninklijke Nederlandsche Gist-En Spiritusfabrick N. V., of 1 Wateringsweg, Delft, Holland.		Preparation of enzyme polymer complexes.
162.	130466	4-3-71 Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.		Copper phthalocyanine and nickel phthalocyanine pigments.
163.	130469	20-4-72 Kureha Kagaku Kogyo K. K., 8-1-chome, Nihonbashi Horidome-cho, Chuo-ku, Tokyo.		A process for obtaining a chemical preparation, for oral administration of birds and mammals except humans for controlling endoparasites.
164.	130487	5-3-71 Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.		Method for vulcanizing rubber containing vulcanisation inhibitor.
165.	130488	5-3-71 Farbwerke Hoechst Aktiengesellschaft Vormals, Meister Lucius, 45 Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.		3-3, 4, dichloro-6 alkyl phenyl pyrazoline derivatives.
166.	130489	5-3-71 Do.		Water soluble monoazo dyestuffs.
167.	130507	20-4-72 Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W. 1, England.	Im-	Napthalene derivatives.
168.	130508	20-4-72 Do.		Do.

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169.	130515	9-3-71	Foster Grant Co, 289 North Main Street, Leominster, Massachusetts, U.S.A.	Catalytic hydro cracking process.
170.	130527	11-3-71	Bayer Aktiengesellschaft, Federal Republic of Germany.	Production of copper and nickel phthalocyanises.
171.	130548	16-3-71	National Distillers and Chemicals Corp., 99 Park Avenue, New York, N. Y. 10016, U.S.A.	Purification of vinyl acetate.
172.	130551	16-3-71	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Re- Separation of di methyl and mono methyl silane and methyl trichloro silane.
173.	130555	16-3-71	Porvair Ltd, Estuary Road., North Lynn, King's Lynn, Norfolk, England.	Water vapour permeable flexible polymer sheet material having glassy surface.

RENEWAL FEES PAID

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CESSATION OF PATENTS

100552 100553 105124 105180 105186 105228 105229 105230
105231 105273 105289 105292 105326 105354 105408 105409
105433 105434 105445 105496 105525 105527 105566 105585
105646 105681 105683 105686 105730 105735 105753 105755
105785 105799 105800 105820 105822 105861 105886 105899

105935 105944 105987 105990 106090 106108 106149 106154
106207 106215 106219 106228 106310 106356 106381 106392
106396 106399 106448 106454 106493 106495 106547 106585
106721 106738 106779 106785 106805 106812 106822 106840
106907 106935 106938 106944 106972 106980 107001 107004
107008 107013 107014 107023 107059 107080 107101 107115
107117 107163 107164 107165 107173 107177 107192 107204
107224 107231 107262 107269 107275 107300 107343 107373
107374 107407 107411 107434 107454 107585 107634 107643
107765 107770 107782 107801 107866 107876 107898 108485
108519 108649 111794 111807 111948 111966 112400 112410
112414 112424 112453 112529 112620 112634 112646 112651
112671 112675 112704 112715 112730 112741 112745 112842
112853 112854 112874 112886 112889 112924 112944 112946
112976 113003 113010 113036 113041 113045 113046 113051
113067 114062 129588 129603 129604 129614 129744 129923
129947 130239 130552 130567 130614 130627 130677 130689
130691 130701 130717 130724 130798 130807 130815 130817
130845 130882 130919 130985 130986 130990 130992 130994
131019 131021 131039 131040 131042 131087 131088 131107
131111 131112 131123 131166 131185 131189 131225 131247
131256 131302 131382 131391 131395 131418 131426 131451
131464 131470 131478 131496 131524 131551 131558 131583
131610 131611 131629 131630 131641 131686 131705 131742
131787 131847 131854 131855 131864 131867 131868 131869
131873 131881 131883 131887 131951 131953 131955 131971
131972 131973 131979 131996 132102 132105 132133 132139
132141 132176 132191 132226 132247 132249 132262 132276
132278 132308 132310 132320 132395 132400 132421 132429
132458 132470 132471 132480 132492 132582 132986 133276
133460 133533 133885 133948 134015 134360 134543 134638
134708 134756 134884 135205 135207 135209 135224 135245
135379 135387 135400 135419 135430 135500 135505 135660
135671 135755 135760 135891 135978 135979 135999 136066
136086 136139 136149 136159 136167 136203 136218 136228
136247 136257 136285 136348 136396 136412 136449 136456
136477 136555 136621 136794.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of

Patent No. 98159 granted to Council of Scientific and Industrial Research for an invention relating to "improvements in or relating to the preparation of lead acid battery plates". The patent ceased on the 27th February 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th September 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 13th May 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application for restoration of Patent No. 101928 dated the 8th October 1965 made by National Research Development Corporation of India and notified in the Gazette of India, Part III, Section 2, dated the 25th October 1975 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 132293 dated 29th July 1971 made by Stamicarbon B.V. (formerly known as Stamicarbon N.V.) on the 20th August 1975 and notified in the Gazette of India Part III, Section 2 dated the 20th September 1975 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 143342. Oberoi Optics International Private Limited, a Joint Stock Company, registered under the Indian Companies Act, 1956, at S-114, Greater Kailash-1, New Delhi-110048. Indian National "Compound Microscope". August 22, 1975.

Class 1. No. 143424. Pioneer Industries, an Indian Partnership Firm, Opp. Gandhi Garden, Nanpura Road,

Surat, Gujarat State, India, Indian Nationality. "Clock dial", September 22, 1975.

Class 1. No. 143479. S. N. Brothers, An Indian Partnership Concern, Oswal Market, Gill Road, Ludhiana-141003, (Punjab), India. Indian National. "Door handle". October 8, 1975.

Class 1. No. 143502. Climax Tools, Tanda Road, Bye Pass Chowk, Jullundur City, Punjab State, an Indian Partnership firm, Indian National. "Bench vices". October 16, 1975.

Class 1. No. 143508. Bombay Filters & Appliances Private Limited, (a private limited company incorporated under the Indian Companies Act), at Navjivan Society, Building No. 3, Room No. 24, Lamington Road, Bombay-400008, Maharashtra, India. "Water filter". October 18, 1975.

Class 3. Nos. 143516 & 143517. Modern Crafts Bk. No. 796. Ulhasnagar-3, District Thana, Maharashtra, an Indian proprietary firm. An Indian National. "Ear Ring". October 18, 1975.

Class 3. No. 143463. Suru Enterprise, C-3, Sona Udyog, P.P. Road, Andheri (East), Bombay-400069, Maharashtra State, India. An Indian Proprietary firm. An Indian National. "Container". October 1, 1975.

Class 3. No. 143491. Sha Taraji Ramlal, 18, Kasi Chetty Street, Madras-600001, Tamilnadu an Indian Partnership concern. Indian Republic. "A plastic container". October 15, 1975.

Class 4. No. 143375. The Mahalakshmi Glass Works Private Limited, (A private limited company incorporated under the Indian Companies Act), at Dr. E. Moses Road, Jacob Circle, Bombay-400 011, Maharashtra, India. "Bottle". September 1, 1975.

Cancellation of the registration of Designs

(Section 51A)

An application made by Phiroze Sethna Industries for cancellation of the registration of Design No. 143143 in Class 3 in the name of Eagle Plastics.

S. VEDARAMAN,

Controller-General of Patents Designs and Trade Marks